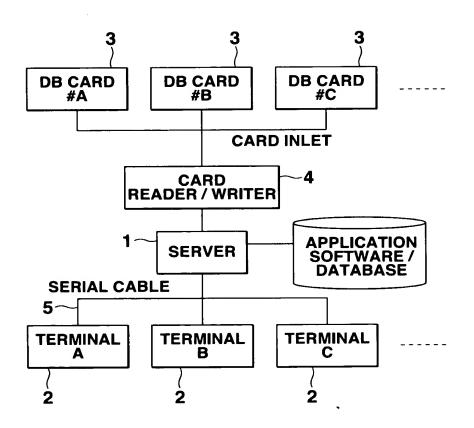
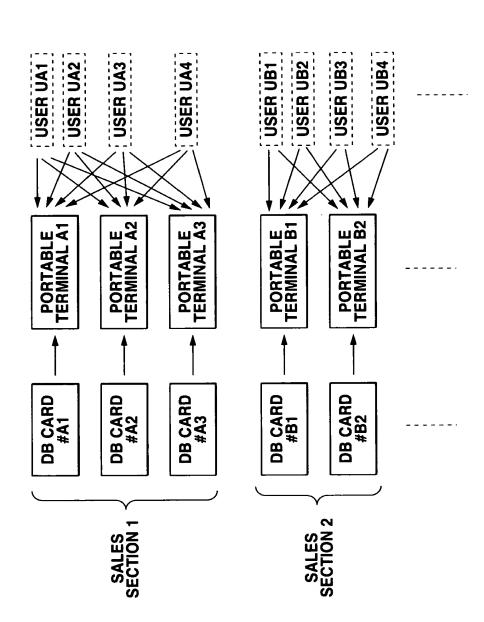
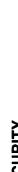
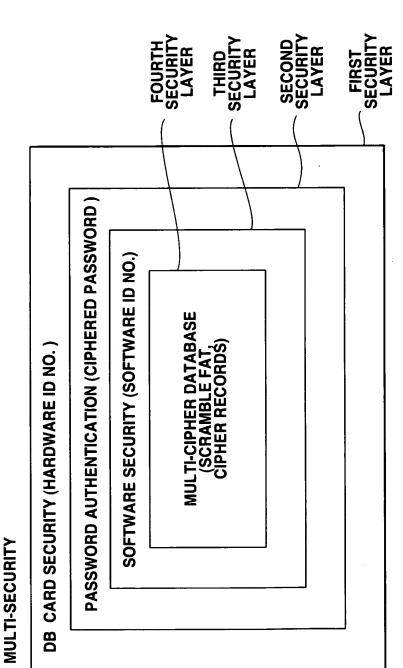
FIG.1



**FIG.2** 







SETTING TABLE	ğ		GROUP	GROUP	GROUP	
GROUP NAME			SALES 1	SALES 2	SALES 3	
HARDWARE ID NO.						
SET NUMBER OF TERMINALS						
TERMINAL NAME 1						
TERMINAL NAME 2						
TERMINAL NAME 3						
THE NUMBERS OF USERS						
VIEWER DISABLING INPUT COUNT	ΓN					
USER NAME 1						
PASSWORD						$\vdash$
USER NAME 2						11
PASSWORD						
USER NAME 3						
PASSWORD						
USER NAME 4						
PASSWORD						
SCRAMBLE KEY SK						
RECORD CIPHERING KEY RK						
MOBILE DB NAME 1	_					
MASTER DB NAME						
RECORD EXTRACT CONDITION	S					
FIELDS TO BE EXTRACTED						
MOBILE DB NAME 2						
MASTER DB NAME						
RECORD EXTRACT CONDITION	S			ļ	<u> </u>	
FIELDS TO BE EXTRACTED				<u> </u>		
CUSTOMIZE APPLICATION 1						
SOFTWARE ID NO. (COMMON)						
UPDATE DATA						1
CORR. MOBILE DB NAME		<u>-</u> -				
CUSTOMIZE APPLICATION 2						
SOFTWARE ID NO. (COMMON)						
UPDATE DATA						
CORR. MOBILE DB NAME						]
BASIC SOFTWARE			_			
RETRIEVAL VIEWER	_		_			
FAT SCRAMBLE / DESCRAMBL		ALGORITHM	_			
CIPHER / DECIPHER ALGORITH			4			
OPERATION CONTROL / MANAG	GE	FILE	J			
MASTER DB FILES			12			
BASIC APPLICATIONS CORR. TO	MA	STER DBS	]13			

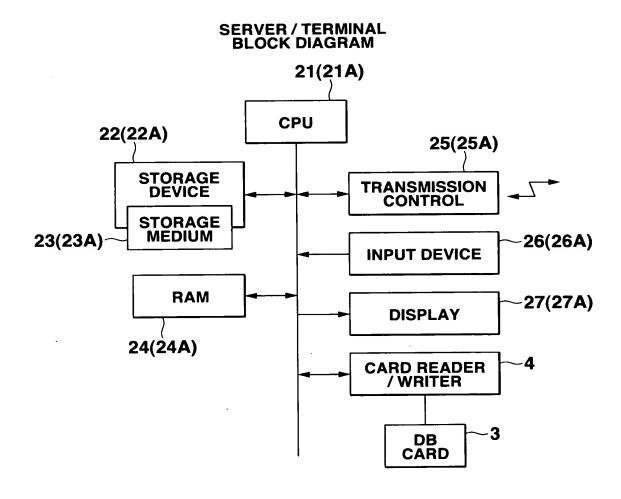
### **CARD'S INTERNAL COMPOSITION**

HA	HARDWARE ID NO. (FIXED)					
FA	FAT (SCRAMBLED)					
8	BASIC SOFTWARE					
	RETRIEVAL VIEWER					
	FAT SCRAMBLE / DESCRAMBLE ALGORITHM					
	CIPHER / DECIPHER ALGORITHM					
	OPERATION CONTROL / MANAGE FILE					
VI	EWER DISABLING INPUT COUNT N					
US	SER NAME 1					
	CIPHERED PASSWORD + TIME VARIABLE KEY					
US	SER NAME 2					
	CIPHERED PASSWORD + TIME VARIABLE KEY					
US	SER NAME 3					
	CIPHERED PASSWORD + TIME VARIABLE KEY					
US	SER NAME 4					
	CIPHERED PASSWORD + TIME VARIABLE KEY					
RI	ECORD CIPHERING KEY RK					
M	OBILE DB NAME 1					
	DB (CIPHERED)					
M	OBILE DB NAME 1					
	DB (CIPHERED)					
CI	CUSTOMIZE APPLICATION 1					
	SOFTWARE ID NO. (COMMON)					
	UPDATE DATE					
	CORR. MOBILE DB NAME					
CI	CUSTOMIZE APPLICATION 2					
	SOFTWARE ID NO. (COMMON)					
	UPDATE DATE					
	CORR. MOBILE DB NAME					

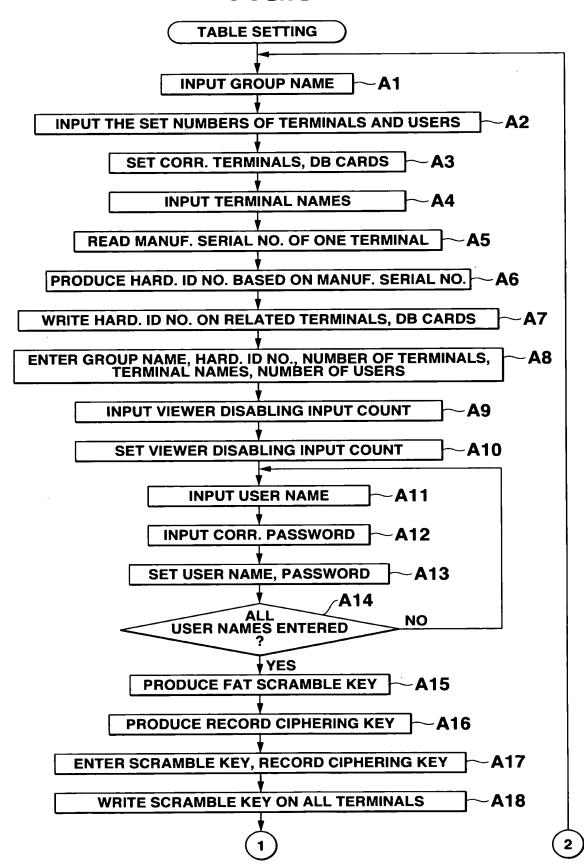
# BUILT-IN MEMORY COMPOSITION

FLASH ROM					
HARDWARE ID NO.					
SOFTWARE ID NO.					
SCRAMBLE KEY SK					
RAM (TEMPORARY MEMORY)					
KEY / DATA INPUT AREA					
FAT READ AREA					
RECORD AREA					
OTHERS					

FIG.7



### FIG.8A



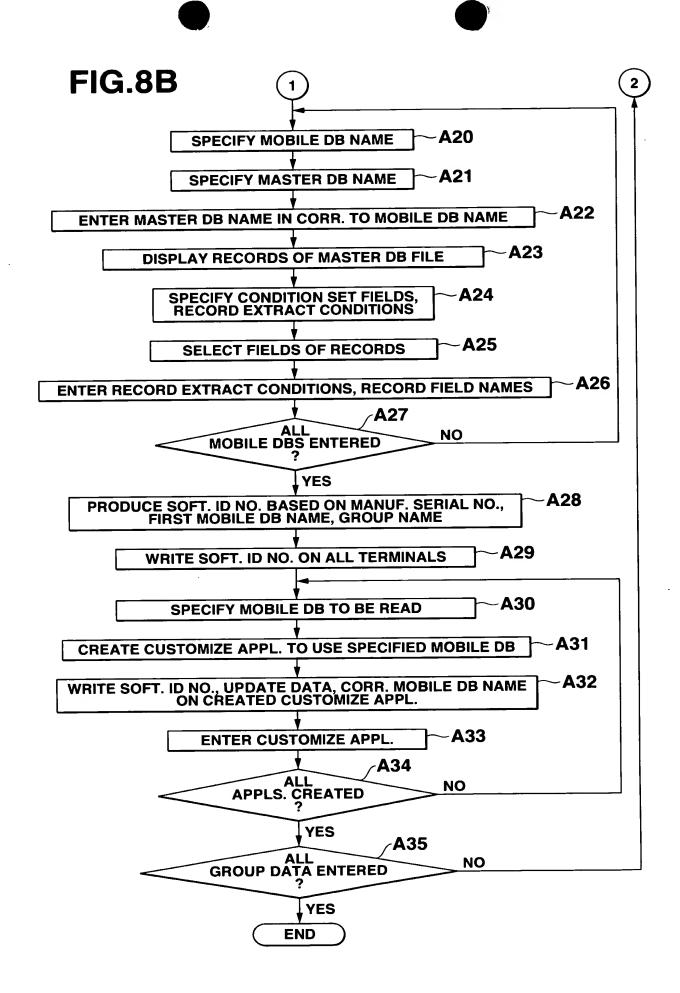
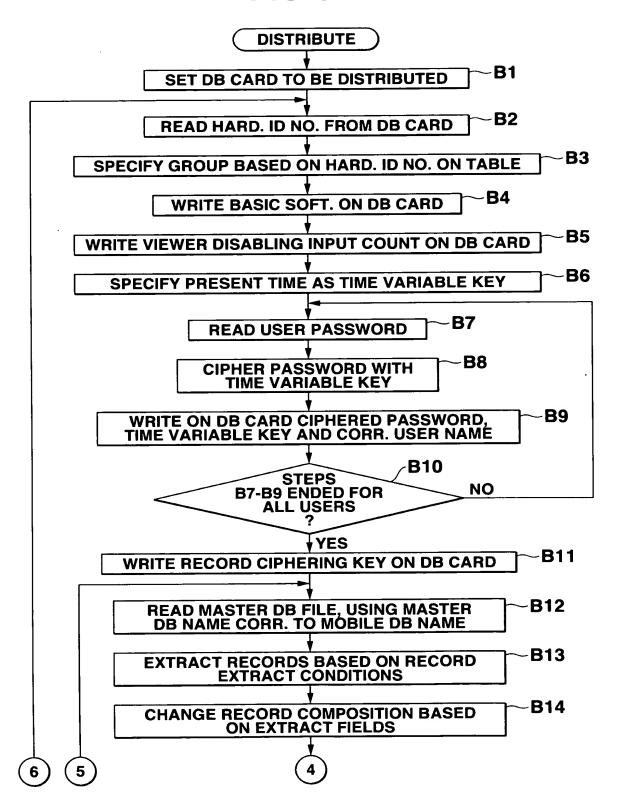
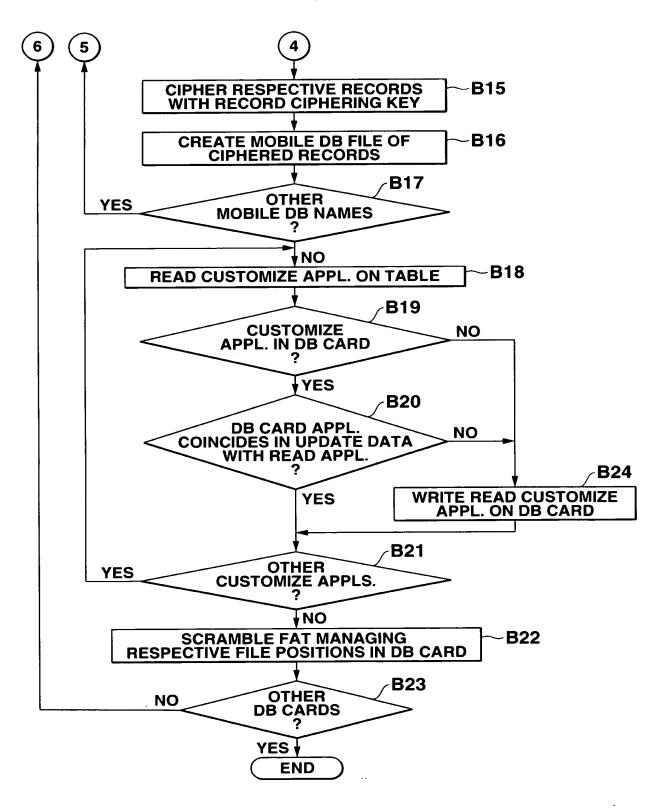


FIG.9A



### FIG.9B



### FIG.10A

#### **MASTER DB**

	NAME	ADDRESS	PHONE NO.	MAIL ADDRESS	JOB	COMPANY NAME	AGE	UPDATE DATE
1	AKAO							10/01/ '99
2	AOKI							10/15/ '99
3	SATO							10/30/ '99
4	SOSI							11/25/ '99
5	YODA							12/20/ '99
6	TAKI							01/15/ '00
7	NAKATA							01/28/ '00
8	IRIE							02/10/ '00
9	ABE							02/20/ '00
10	NAGATA							03/10/ '00

# **FIG.10B**

#### **EXTRACTED RECORDS**

	NAME	ADDRESS	PHONE NO.	MAIL ADDRESS	JOB	COMPANY NAME	AGE	UPDATE DATE
1	TAKI							01/15/ '00
2	NAKATA							01/28/ '00
3	IRIE							02/10/ '00
4	ABE							02/20/ '00
5	NAGATA							03/10/ '00

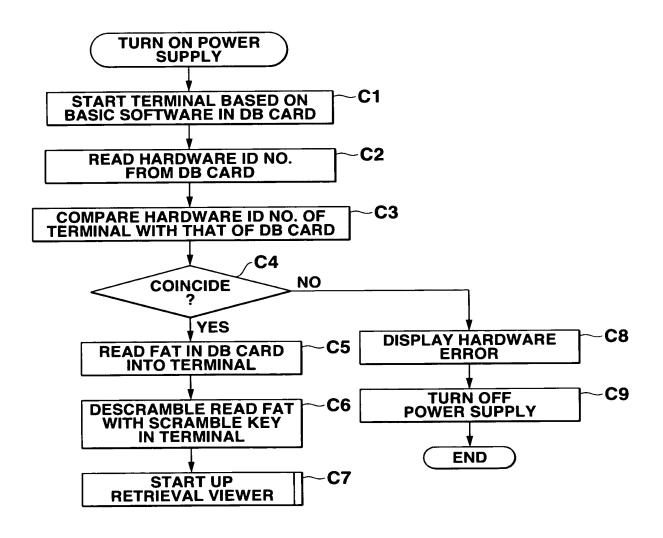
# **FIG.10C**

#### **CHANGED RECORD COMPOSITION**

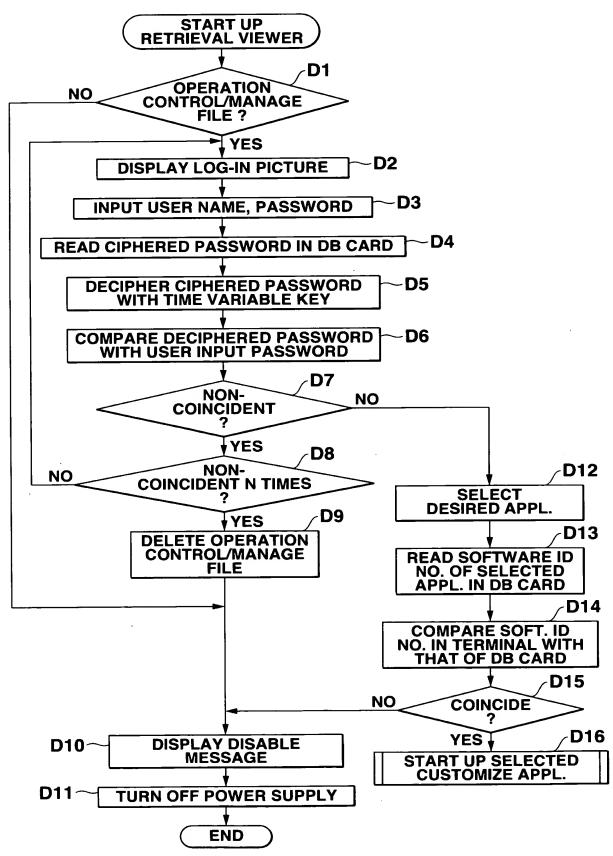
	NAME	ADDRESS	JOB	AGE
1	TAKI			
2	NAKATA			
3	IRIE			
4	ABE			
5	NAGATA			

COMPLETED MOBILE DB

**FIG.11** 



**FIG.12** 



### FIG.13A

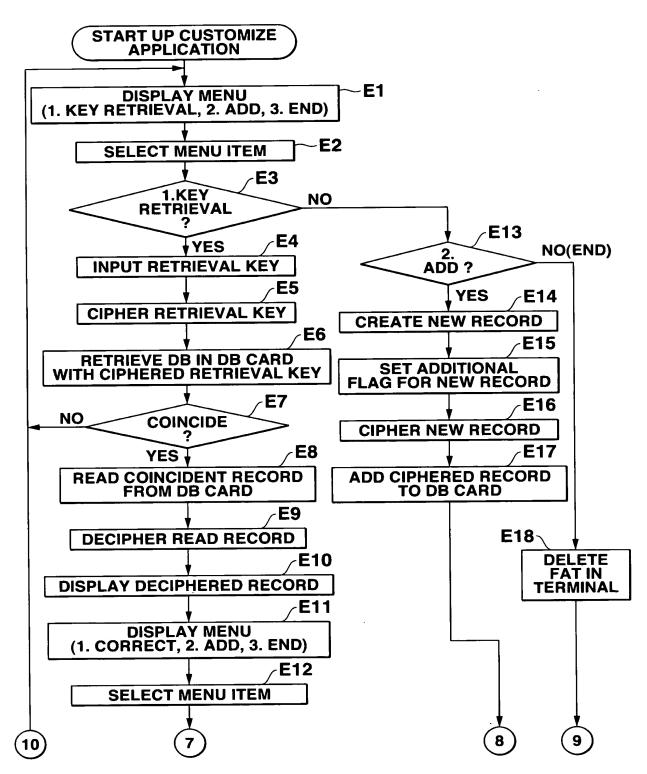


FIG.13B

